

L Number	Hits	Search Text	DB	Time stamp
2	12933	off-hook or off adj hook	USPAT; EPO; JPO	2004/04/19 10:27
3	6303	on-hook or on adj hook	USPAT; EPO; JPO	2004/04/19 10:27
4	423799	oscillat\$4	USPAT; EPO; JPO	2004/04/19 10:28
5	11377	voltage adj detector	USPAT; EPO; JPO	2004/04/19 10:40
6	4878	(off-hook or off adj hook) and (on-hook or on adj hook)	USPAT; EPO; JPO	2004/04/19 10:28
1	19	galvanic adj2 isolat\$3 adj2 barrier	USPAT; EPO; JPO	2004/04/19 10:32
8	1535	isolat\$3 adj2 barrier	USPAT; EPO; JPO	2004/04/19 10:31
9	332	379/399.01.ccls.	USPAT; EPO; JPO	2004/04/19 10:32
10	43	((off-hook or off adj hook) and (on-hook or on adj hook)) and (isolat\$3 adj2 barrier)	USPAT; EPO; JPO	2004/04/19 10:32
12	1	(voltage adj detector) and (oscillat\$4 and (((off-hook or off adj hook) and (on-hook or on adj hook)) and (isolat\$3 adj2 barrier)))	USPAT; EPO; JPO	2004/04/19 10:32
11	22	oscillat\$4 and (((off-hook or off adj hook) and (on-hook or on adj hook)) and (isolat\$3 adj2 barrier))	USPAT; EPO; JPO	2004/04/19 10:35
13	1080592	voltage	USPAT; EPO; JPO	2004/04/19 10:40
14	22	(oscillat\$4 and (((off-hook or off adj hook) and (on-hook or on adj hook)) and (isolat\$3 adj2 barrier))) and voltage	USPAT; EPO; JPO	2004/04/19 10:40
15	279180	amplitude	USPAT; EPO; JPO	2004/04/19 10:40
16	17	((oscillat\$4 and (((off-hook or off adj hook) and (on-hook or on adj hook)) and (isolat\$3 adj2 barrier))) and voltage ) and amplitude	USPAT; EPO; JPO	2004/04/19 10:41
17	983451	ring	USPAT; EPO; JPO	2004/04/19 10:41
18	15	((oscillat\$4 and (((off-hook or off adj hook) and (on-hook or on adj hook)) and (isolat\$3 adj2 barrier))) and voltage ) and amplitude) and ring	USPAT; EPO; JPO	2004/04/19 12:51
23	312799	threshold	USPAT; EPO; JPO	2004/04/19 12:55
24	6	((oscillat\$4 and (((off-hook or off adj hook) and (on-hook or on adj hook)) and (isolat\$3 adj2 barrier))) and voltage ) and amplitude) and ring) and threshold	USPAT; EPO; JPO	2004/04/19 12:55

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5	11377	voltage adj detector	USPAT; EPO; JPO	2004/04/19 10:40
6	4878	(off-hook or off adj hook) and (on-hook or on adj hook)	USPAT; EPO; JPO	2004/04/19 10:28
1	19	galvanic adj2 isolat\$3 adj2 barrier	USPAT; EPO; JPO	2004/04/19 14:02
8	1535	isolat\$3 adj2 barrier	USPAT; EPO; JPO	2004/04/19 15:49
9	332	379/399.01.ccls.	USPAT; EPO; JPO	2004/04/19 10:32
10	43	((off-hook or off adj hook) and (on-hook or on adj hook)) and (isolat\$3 adj2 barrier)	USPAT; EPO; JPO	2004/04/19 10:32
12	1	(voltage adj detector) and (oscillat\$4 and (((off-hook or off adj hook) and (on-hook or on adj hook)) and (isolat\$3 adj2 barrier)))	USPAT; EPO; JPO	2004/04/19 10:32
11	22	oscillat\$4 and (((off-hook or off adj hook) and (on-hook or on adj hook)) and (isolat\$3 adj2 barrier))	USPAT; EPO; JPO	2004/04/19 10:35
13	1080592	voltage	USPAT; EPO; JPO	2004/04/19 10:40
14	22	(oscillat\$4 and (((off-hook or off adj hook) and (on-hook or on adj hook)) and (isolat\$3 adj2 barrier))) and voltage	USPAT; EPO; JPO	2004/04/19 10:40
15	279180	amplitude	USPAT; EPO; JPO	2004/04/19 10:40
16	17	((oscillat\$4 and (((off-hook or off adj hook) and (on-hook or on adj hook)) and (isolat\$3 adj2 barrier))) and voltage ) and amplitude	USPAT; EPO; JPO	2004/04/19 10:41
17	983451	ring	USPAT; EPO; JPO	2004/04/19 10:41
18	15	((oscillat\$4 and (((off-hook or off adj hook) and (on-hook or on adj hook)) and (isolat\$3 adj2 barrier))) and voltage ) and amplitude) and ring	USPAT; EPO; JPO	2004/04/19 12:51
23	312799	threshold	USPAT; EPO; JPO	2004/04/19 12:55
24	6	((oscillat\$4 and (((off-hook or off adj hook) and (on-hook or on adj hook)) and (isolat\$3 adj2 barrier))) and voltage ) and amplitude) and ring) and threshold	USPAT; EPO; JPO	2004/04/19 12:55

25	135	("3750024"   "3904833"   "3981006"   "4053720"   "4054941"   "4066843"   "4118603"   "4192978"   "4216426"   "4271526"   "4292595"   "4349821"   "4384274"   "4393516"   "4415777"   "4417099"   "4475208"   "4528664"   "4529845"   "4540854"   "4541104"   "4567331"   "4594577"   "4607170"   "4644526"   "4656661"   "4686697"   "4686699"   "4712233"   "4720811"   "4741031"   "4757528"   "4835486"   "4843339"   "4864605"   "4901217"   "4901275"   "4943807"   "4993063"   "4995111"   "4996529"   "5021950"   "5032819"   "5051799"   "5068659"   "5086454"   "5097503"   "5136630"   "5204896"   "5224154"   "5235634"   "5237511"   "5245654"   "5258721"   "5260941"   "5262779"   "5287107"   "5311588"   "5323451"   "5329281"   "5329585"   "5333196"   "5337338"   "5343514"   "5343516"   "5355407"   "5355468"   "5361067"   "5361296"   "5369666"   "5375051"   "5377260"   "5384808"   "5390249"   "5406283"   "5410594"   "5426698"   "5428682"   "5438678"   "5442694"   "5459721"   "5467385"   "5473552"   "5500894"   "5500895"   "5506900"   "5506903"   "5509068"   "5511118"   "5521967"   "5533053"   "5544241"   "5546448"   "5555100"   "5561712"   "5577104"   "5598157"   "5602912"   "5644629"   "5654984"   "5655010"   "5659608"   "5675640"   "5692041"   "5694465"   "5705978"   "5721774"   "5737411"   "5740241"   "5745060"   "5751803"   "5790656"   "5805687"   "5818923"   "5841840"   "5848133"   "5859584"   "5870046"   "5875235"   "5881102"   "5881129"   "5901210"   "5907596"   "5914671"   "5917364"   "5940459"   "5946393"   "5959372"   "5982317"   "5991335"   "6005923"   "6061051"   "6072778"   "6081586"   "6111939").PN.	USPAT	2004/04/19 13:12
26	0	"6587560" and detect\$3 near4 amplitude	USPAT;	2004/04/19 14:03
27	1	"6587560" and amplitude	EPO; JPO USPAT;	2004/04/19 14:22
28	2	"6587560" and logic	EPO; JPO USPAT;	2004/04/19 14:50
29	1	"6587560" and detector	EPO; JPO USPAT;	2004/04/19 14:55
30	1	"6587560" and oscillator	EPO; JPO USPAT;	2004/04/19 15:09
31	1	("6587560" and oscillator) and ((off-hook or off adj hook) and (on-hook or on adj hook))	EPO; JPO USPAT;	2004/04/19 15:06
32	1	"20010036263" and third adj level	USPAT; US-PGPUB;	2004/04/19 15:07
33	1	"20010036263" and third	EPO; JPO USPAT; US-PGPUB;	2004/04/19 15:09
34	1	"20010036263" and null	EPO; JPO USPAT; US-PGPUB;	2004/04/19 15:09
35	2	"6587560" and (low or high or null)	EPO; JPO USPAT;	2004/04/19 15:10
36	1	isolat\$3 adj2 barrier with voltage adj detector	EPO; JPO USPAT;	2004/04/19 16:21
38	1	"6587560" and voltage near3 detect\$3	EPO; JPO USPAT;	2004/04/19 15:54
39	1	"6587560" and detect\$3 adj3 voltage	EPO; JPO USPAT;	2004/04/19 15:58
40	2	"6587560" and voltage	EPO; JPO USPAT;	2004/04/19 16:02
41	2	("6587560" and voltage ) and detect\$3	EPO; JPO USPAT;	2004/04/19 16:03
42	0	isolat\$3 adj2 barrier with null	EPO; JPO USPAT;	2004/04/19 16:21
43	2252392	null ad2 signal	EPO; JPO USPAT;	2004/04/19 16:22

44	19	(galvanic adj2 isolat\$3 adj2 barrier) and (null ad2 signal)	USPAT; EPO; JPO	2004/04/19 16:23
45	10	(galvanic adj2 isolat\$3 adj2 barrier) and detect\$3	USPAT; EPO; JPO	2004/04/19 16:41
46	14	(isolat\$3 adj2 barrier) same (off-hook or off adj hook) same (on-hook or on adj hook)	USPAT; EPO; JPO	2004/04/19 17:56
47	41	("3714540"   "4192978"   "4417099"   "4529845"   "4540854"   "4608541"   "4644526"   "4723267"   "4741031"   "4757528"   "4864605"   "4949030"   "4993063"   "4995111"   "5097503"   "5136630"   "5204896"   "5222124"   "5235634"   "5245654"   "5315651"   "5329585"   "5369666"   "5410594"   "5451893"   "5500895"   "5506868"   "5555293"   "5602846"   "5654984"   "5655010"   "5712977"   "5737397"   "5757803"   "5870046"   "5898329"   "6008681"   "6081586"   "6091806"   "6107948"   "6128373").PN.	USPAT	2004/04/19 17:24
48	269	oscillat\$4 and (isolat\$3 adj2 barrier)	USPAT; EPO; JPO	2004/04/19 17:56
49	13	(voltage adj detector) and (oscillat\$4 and (isolat\$3 adj2 barrier))	USPAT; EPO; JPO	2004/04/19 18:14
50	104	("3750024"   "3904833"   "3981006"   "4054941"   "4066843"   "4118603"   "4216426"   "4271526"   "4349821"   "4384274"   "4393516"   "4415777"   "4475208"   "4528664"   "4541104"   "4594577"   "4607170"   "4656661"   "4686697"   "4686699"   "4712233"   "4720811"   "4901217"   "4943807"   "4996529"   "5021950"   "5032819"   "5051799"   "5068659"   "5086454"   "5224154"   "5237511"   "5258721"   "5260941"   "5262779"   "5311588"   "5323451"   "5333196"   "5337338"   "5343514"   "5343516"   "5355407"   "5355468"   "5361067"   "5361296"   "5375051"   "5377260"   "5384808"   "5390249"   "5406283"   "5426698"   "5438678"   "5442694"   "5459721"   "5467385"   "5473552"   "5506900"   "5506903"   "5509068"   "5511118"   "5521967"   "5533053"   "5544241"   "5546448"   "5555100"   "5561712"   "5577104"   "5592529"   "5598157"   "5644629"   "5654984"   "5659608"   "5675640"   "5694465"   "5705978"   "5721774"   "5737411"   "5740241"   "5745060"   "5751803"   "5790656"   "5805687"   "5818923"   "5841840"   "5848133"   "5859584"   "5870046"   "5875235"   "5881102"   "5881129"   "5901210"   "5907596"   "5914671"   "5917364"   "5940459"   "5946393"   "5959372"   "5982317"   "5991335"   "6005923"   "6061051"   "6072778"   "6081586"   "6111939").PN.	USPAT	2004/04/19 18:12
51	1	5369666.pn.	USPAT; EPO; JPO	2004/04/19 18:14

**Patent Assignment Abstract of Title****Total Assignments: 1****Application #:** 09843095 **Filing Dt:** 04/25/2001**Patent #:** NONE**Issue Dt:****PCT #:** NONE**Publication #:** 20010036263**Pub Dt:** 11/01/2001**Inventors:** Fabrice Guitton, Andre Bremond**Title:** Line take-up detection circuit**Assignment: 1****Reel/Frame:** 012204/0347**Received:**  
10/03/2001**Recorded:**  
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12/04/2001**Pages:**  
2**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors:** GUITTON, FABRICE**Exec Dt:** 08/28/2001BREMOND, ANDRE**Exec Dt:** 08/21/2001**Assignee:** STMICROELECTRONICS S.A.

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Web interface last modified: Oct. 5, 2002